

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005926.D
 Acq On : 01 Sep 2021 13:30
 Operator : SY/MD
 Sample : M3612-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

Quant Time: Sep 02 07:47:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

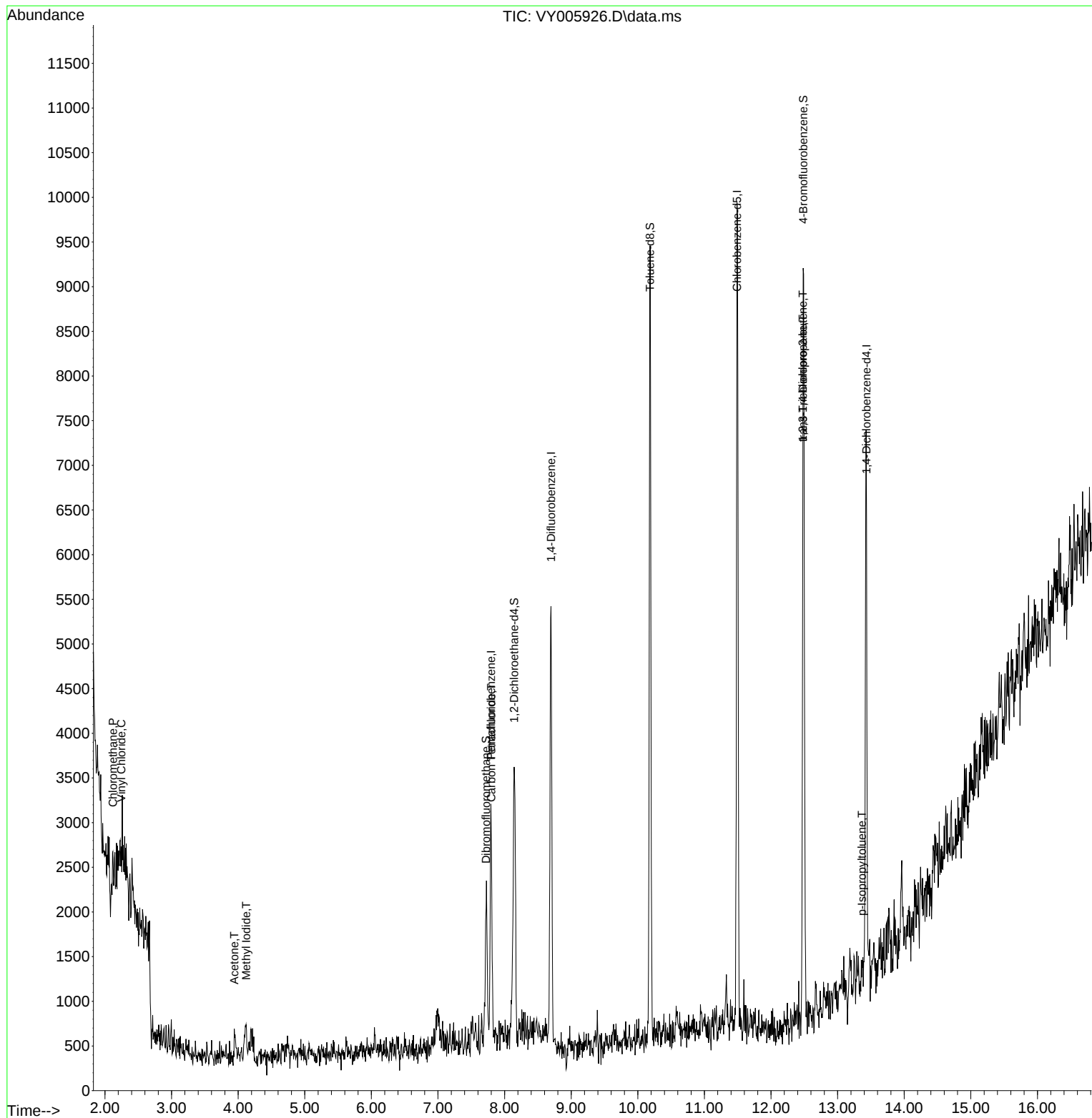
Internal Standards						
1) Pentafluorobenzene	7.795	168	2482	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	4630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	5467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2481	99.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.38%#
35) Dibromofluoromethane	7.722	113	1160	44.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.22%
50) Toluene-d8	10.185	98	6102	55.92	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.84%
62) 4-Bromofluorobenzene	12.483	95	2004	54.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.38%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	138	5.88	ug/l	# 42
4) Vinyl Chloride	2.247	62	53	1.74	ug/l	# 43
10) Methyl Iodide	4.119	142	650	24.65	ug/l	# 84
16) Acetone	3.942	43	456	71.50	ug/l	98
38) Carbon Tetrachloride	7.801	117	136	2.88	ug/l	# 12
76) 1,2,3-Trichloropropane	12.477	75	1142	71.10	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	1142	135.22	ug/l	# 13
86) p-Isopropyltoluene	13.367	119	118	1.10	ug/l	# 50

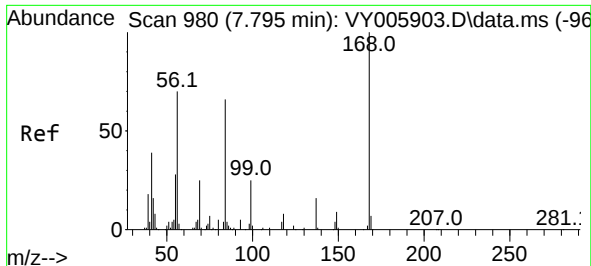
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

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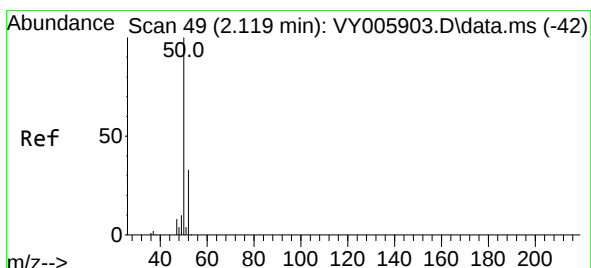
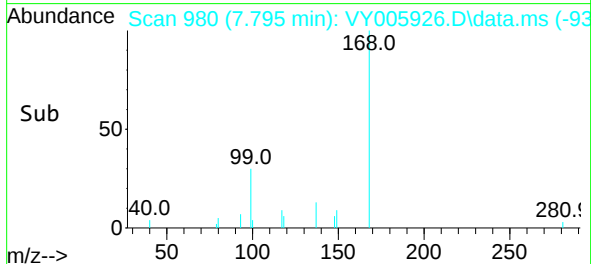
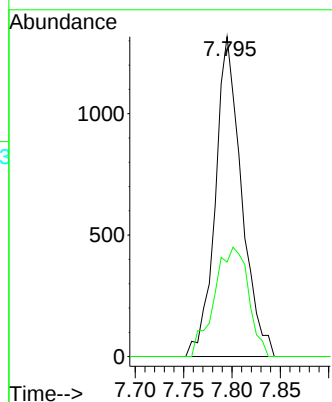
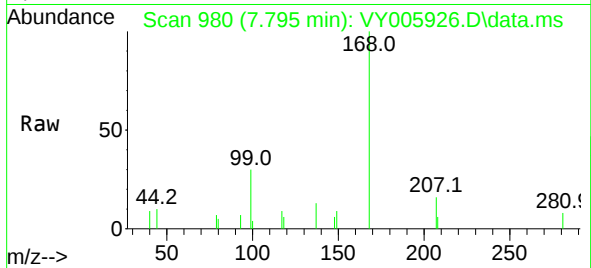




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

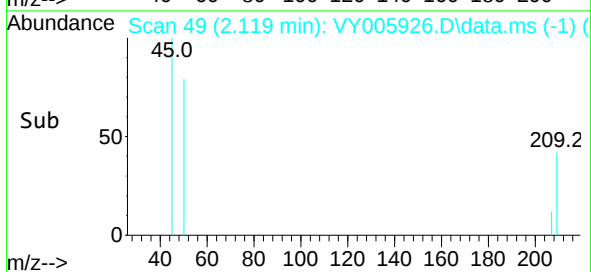
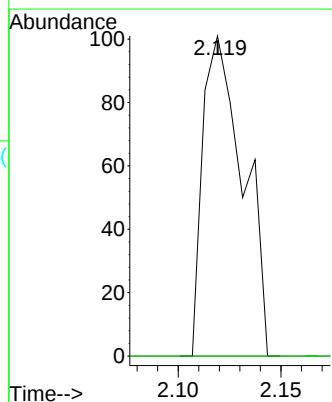
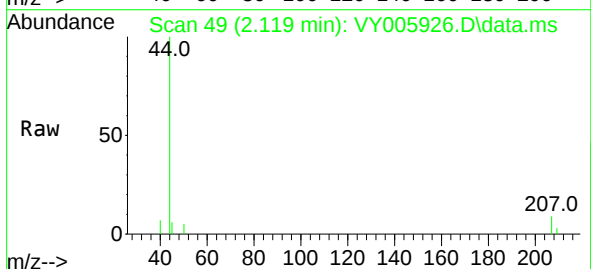
Instrument :
MSVOA_Y
ClientSampleId :
M-1

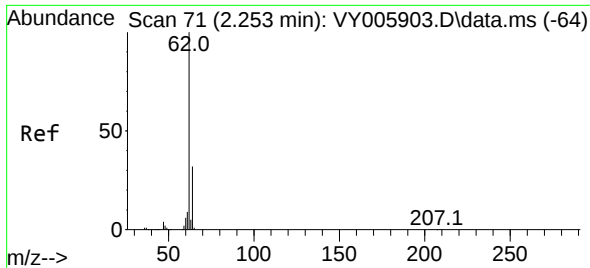
Tgt Ion:168 Resp: 2482
Ion Ratio Lower Upper
168 100
99 29.5 40.6 60.8#



#3
Chloromethane
Concen: 5.88 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Tgt Ion: 50 Resp: 138
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#

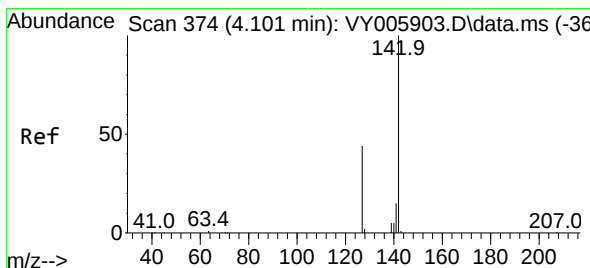
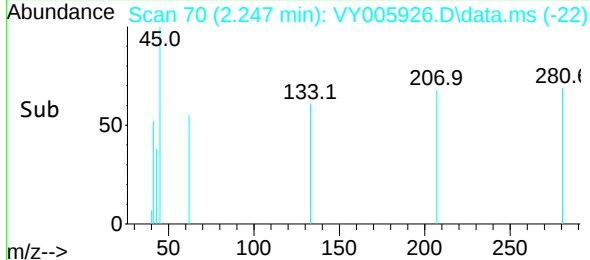
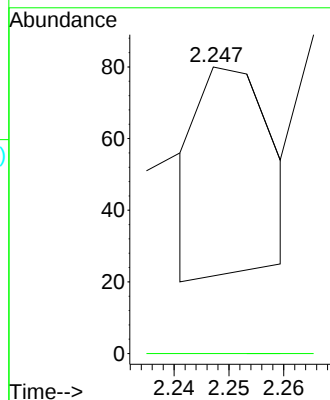
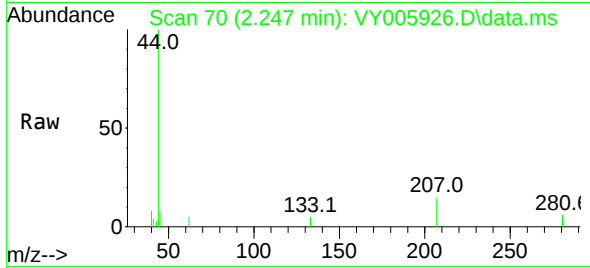




#4
 Vinyl Chloride
 Concen: 1.74 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VY005926.D
 Acq: 01 Sep 2021 13:30

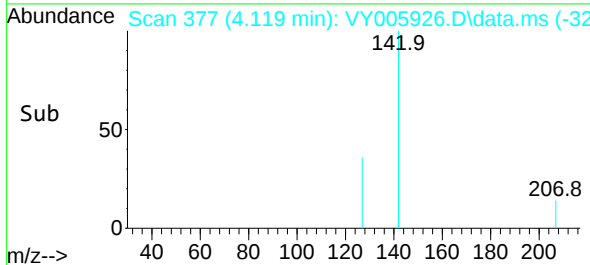
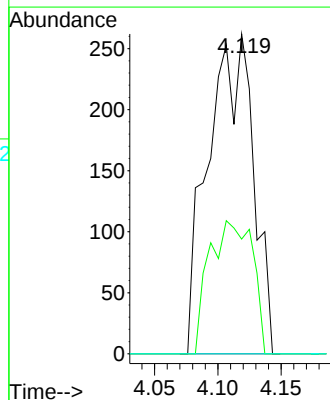
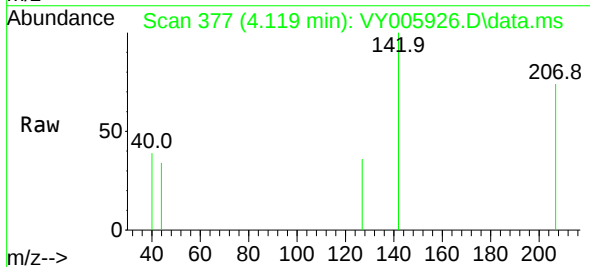
Instrument :
 MSVOA_Y
 ClientSampled :
 M-1

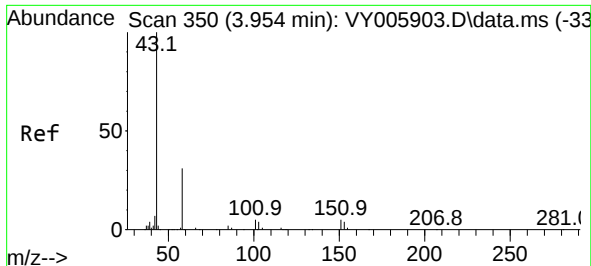
Tgt Ion: 62 Resp: 53
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#10
 Methyl Iodide
 Concen: 24.65 ug/l
 RT: 4.119 min Scan# 377
 Delta R.T. 0.018 min
 Lab File: VY005926.D
 Acq: 01 Sep 2021 13:30

Tgt Ion: 142 Resp: 650
 Ion Ratio Lower Upper
 142 100
 127 39.8 36.7 55.1
 141 0.0 11.8 17.8#

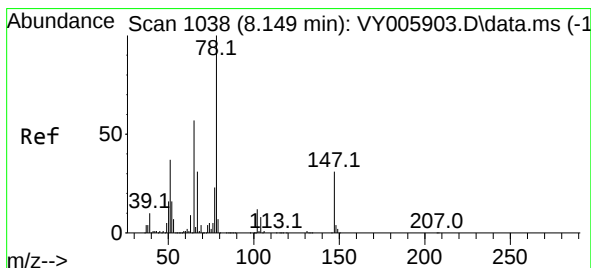
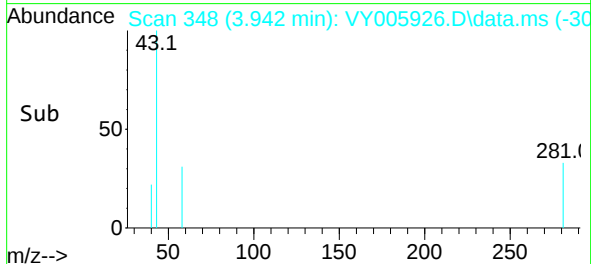
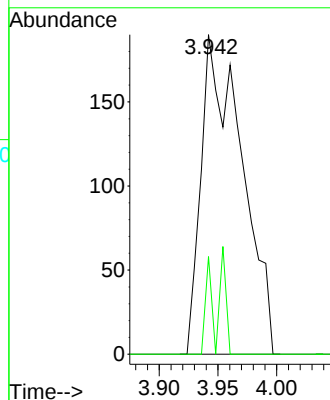
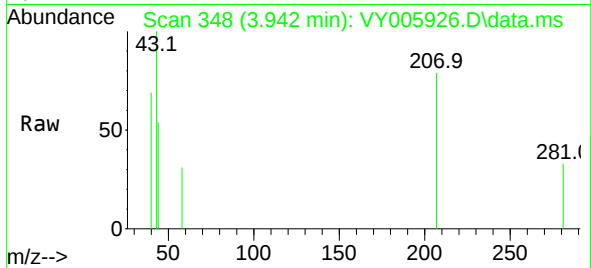




#16
Acetone
Concen: 71.50 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

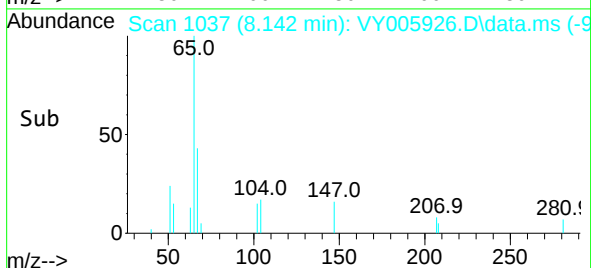
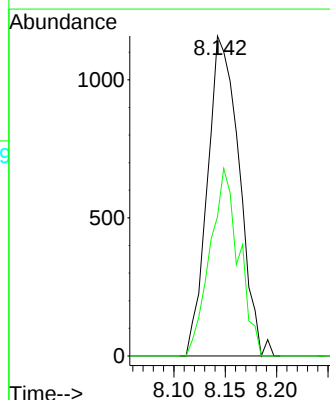
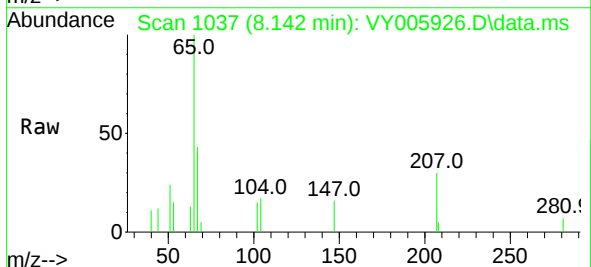
Instrument :
MSVOA_Y
ClientSampled :
M-1

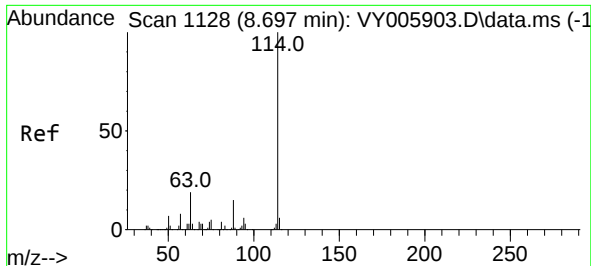
Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 30.5 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 99.19 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Tgt Ion: 65 Resp: 2481
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4

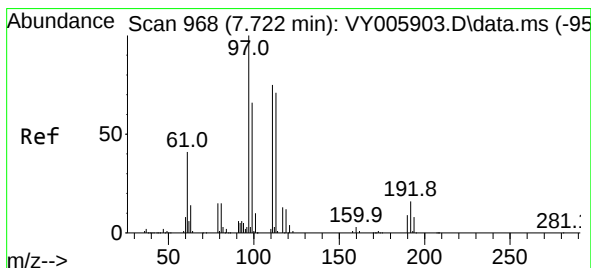
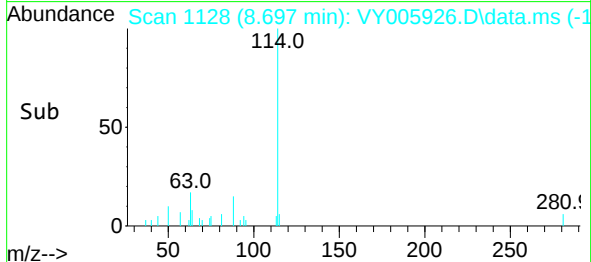
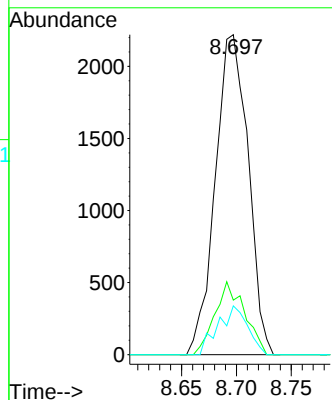
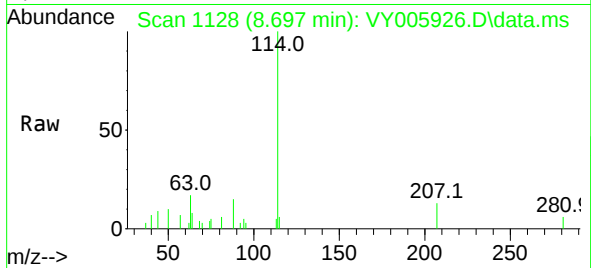




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

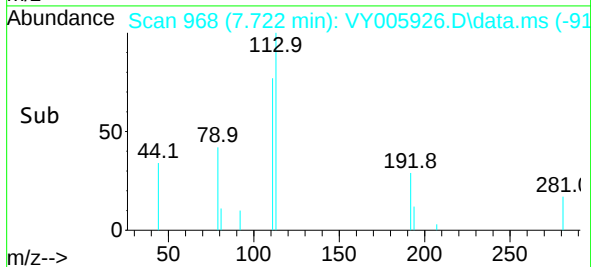
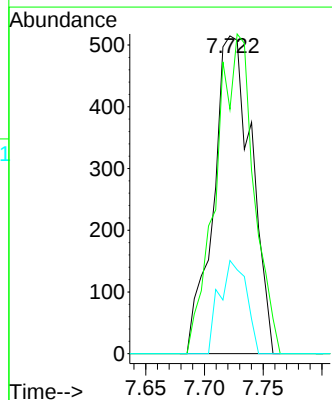
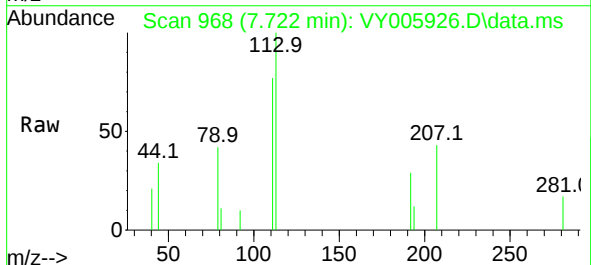
Instrument :
MSVOA_Y
ClientSampled :
M-1

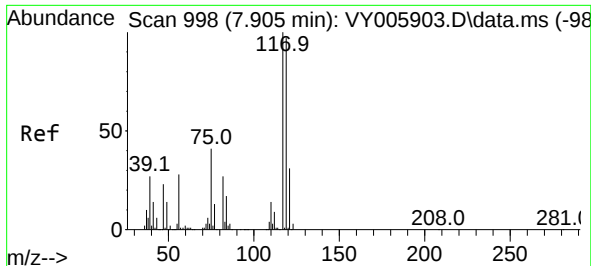
Tgt Ion:	114	Resp:	4630
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	38.4
88	15.2	0.0	30.0



#35
Dibromofluoromethane
Concen: 44.61 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Tgt Ion:	113	Resp:	1160
Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.9	122.9
192	20.8	19.4	29.0

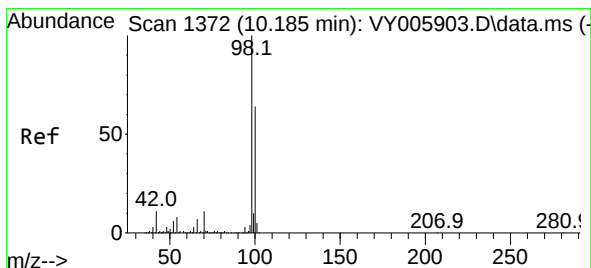
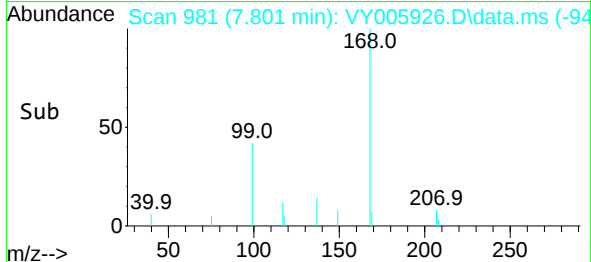
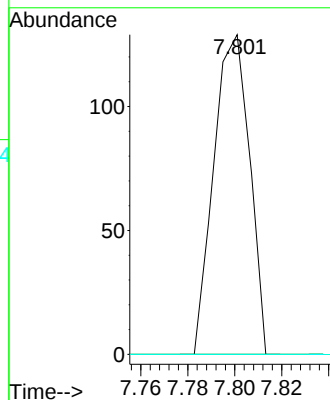
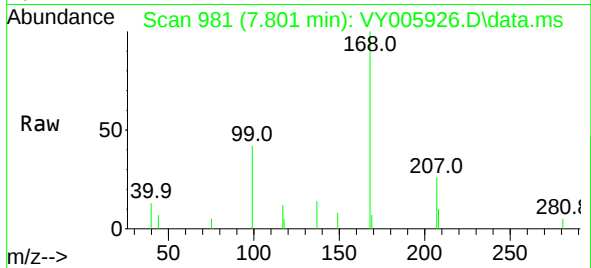




#38
Carbon Tetrachloride
Concen: 2.88 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

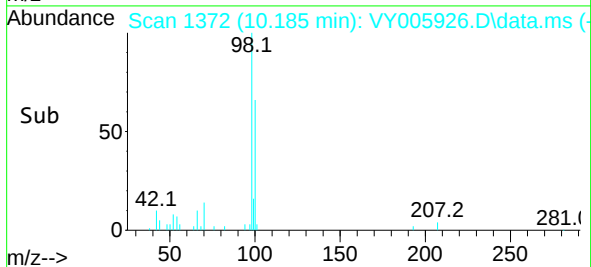
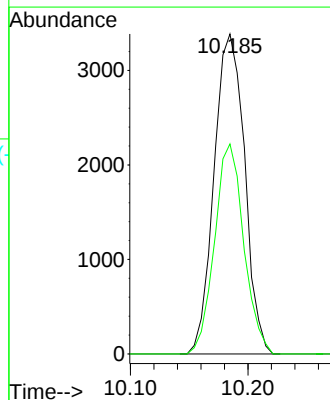
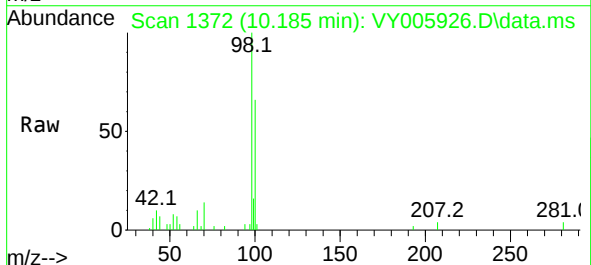
Instrument :
MSVOA_Y
ClientSampleId :
M-1

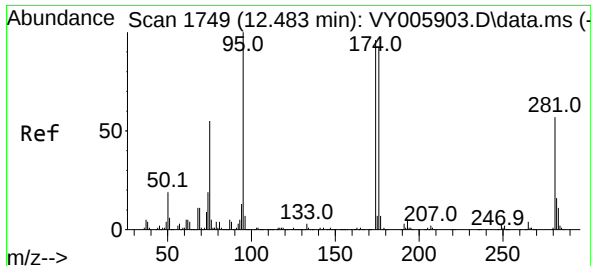
Tgt Ion:117 Resp: 136
Ion Ratio Lower Upper
117 100
119 0.0 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 55.92 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Tgt Ion: 98 Resp: 6102
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

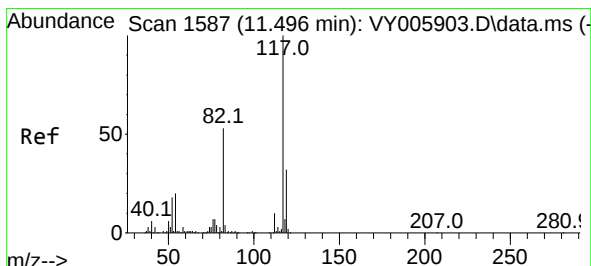
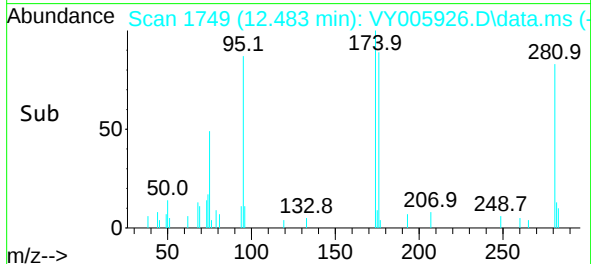
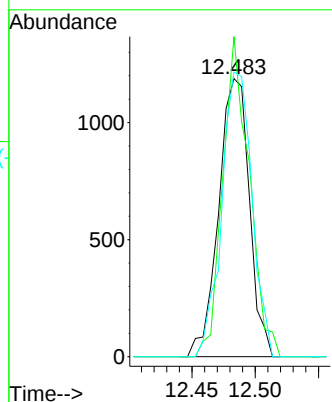
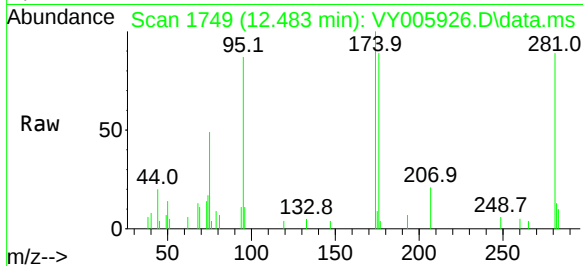




#62
4-Bromofluorobenzene
Concen: 54.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

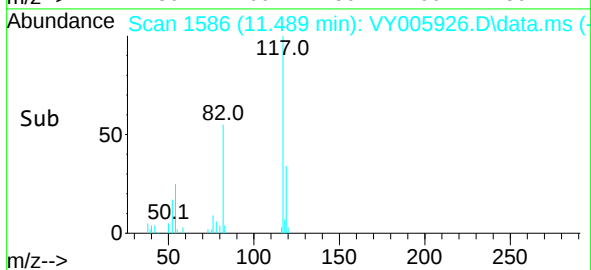
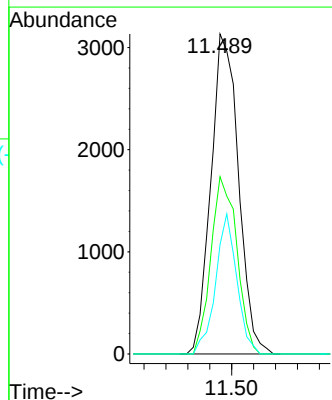
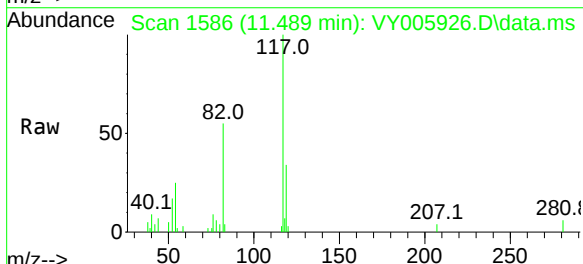
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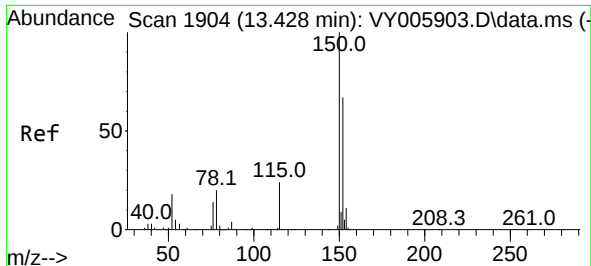
Tgt Ion:	95	Resp:	2004
Ion	Ratio	Lower	Upper
95	100		
174	100.0	0.0	192.4
176	100.9	0.0	186.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Tgt Ion:	117	Resp:	5467
Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.4	63.6
119	34.2	25.4	38.0

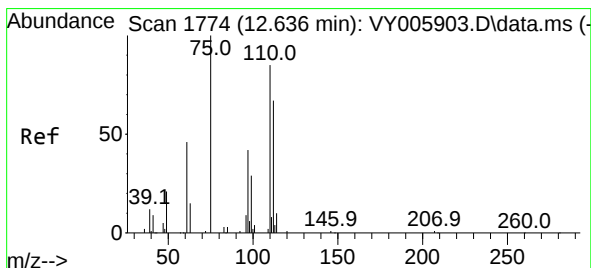
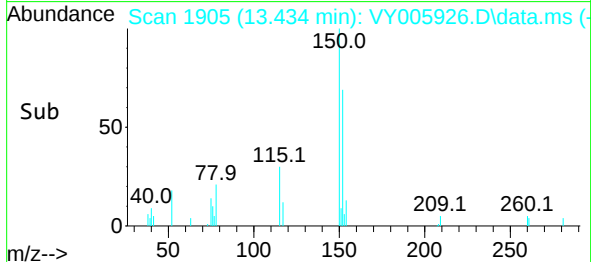
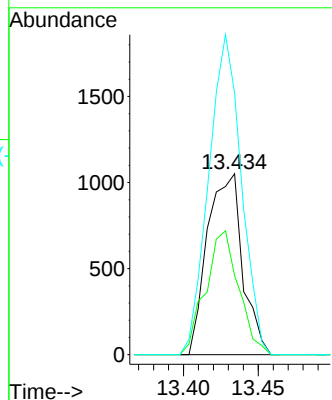
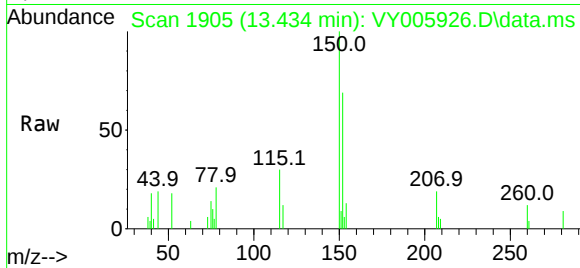




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

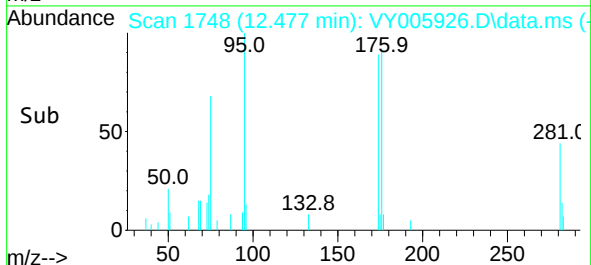
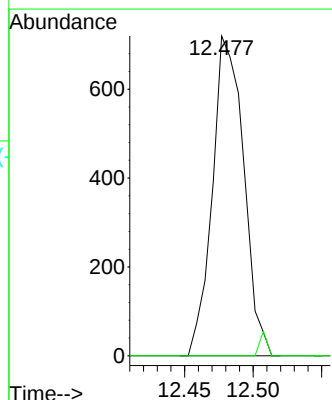
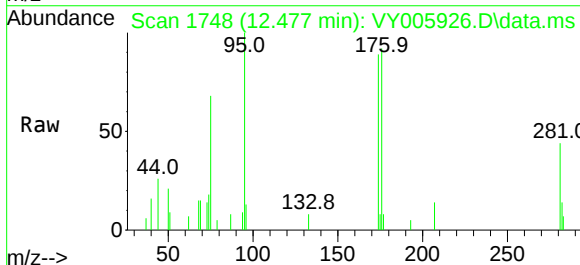
Instrument :
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ClientSampled :
M-1

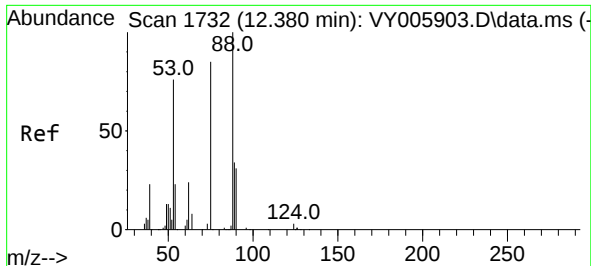
Tgt Ion:152 Resp: 1716
Ion Ratio Lower Upper
152 100
115 64.7 26.8 80.4
150 164.4 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 71.10 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Tgt Ion: 75 Resp: 1142
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

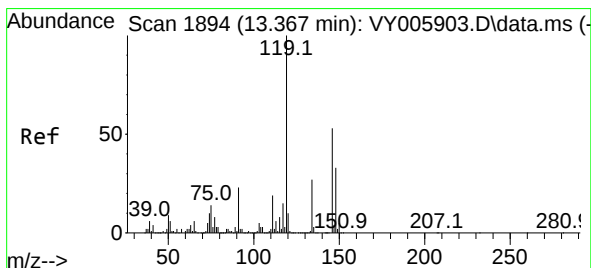
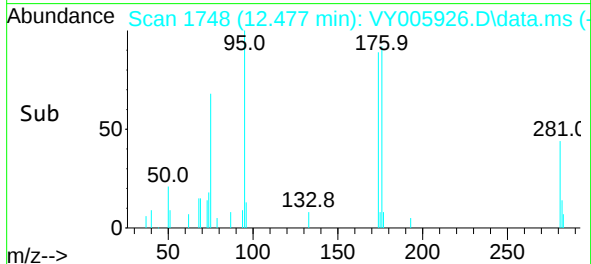
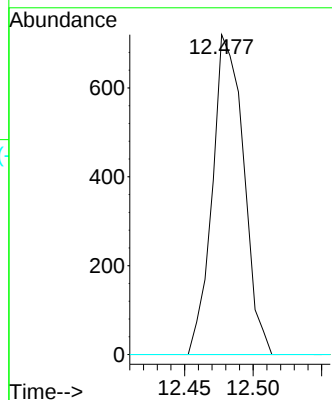
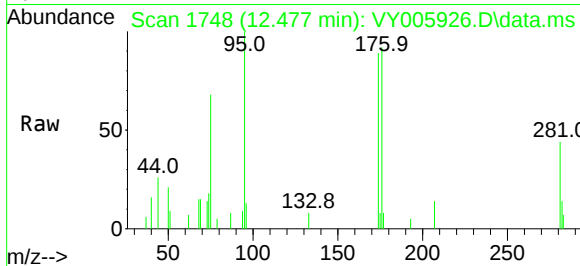




#81
trans-1,4-Dichloro-2-butene
Concen: 135.22 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Instrument :
MSVOA_Y
ClientSampleId :
M-1

Tgt Ion: 75 Resp: 1142
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.0 35.8 53.6#



#86
p-Isopropyltoluene
Concen: 1.10 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005926.D
Acq: 01 Sep 2021 13:30

Tgt Ion: 119 Resp: 118
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 0.0 11.4 34.2#

